REMARKS

The Examiner objected to the Information Disclosure Statement because no English language equivalent was provided for the Gerd Goldman Chapter 14 – Reference AU. Attached herewith is a Supplemental Information Disclosure Statement with the English version of Chapter 14, pages 14-1 to 14-20.

The Examiner also objected to the lack of page numbers for References AR – AW. This problem is corrected in the attached Supplemental Information Disclosure Statement adding the page numbers.

The Examiner objected to the drawings since the Replacement Sheet drawings for Figures 2 and 3 adding "PRIOR ART" were not provided. Those drawing sheets are enclosed.

The Examiner rejects claims 28-38 and 40-53 under 35 U.S.C. §102 as anticipated by Gebert.

New claim 54 clearly distinguishes over Gebert for the following reasons.

First, claim 54 recites said internal data comprising formatted data that contain format specifications and raw data that contain no format specifications for format-adapted and speed-optimized processing of the input document data stream. For this feature, the Examiner cites Gebert paragraph 29 asserted to teach converting the pages to rasterized print data, or Intelligent Printer Data Stream (IPDS) format at paragraph 28 for format adapted and speed optimized processing. The Examiner also refers to paragraph 34 asserted to teach data being reconverted to other predetermined formats. However, this is not a disclosure of an internal data comprising formatted data that contains format specifications and raw data that contain no format specifications. Gebert does not teach such an internal formatted data. In contrast, Gebert teaches that document data are first converted solely to a

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first format such as IPDS (paragraph 28) and afterwards converting the IPDS data into rasterized data by control of a printer driver:

> Paragraph 28: "...The printer driver 6 may use the IPDS comments to control how the printer and processes and rasterized the page objects 22a...n and monitors printer operations"

> Paragraph 29: "...The printer interface 24 then calls the rasterizer 26 to transform the content in the page object 22a...n into raster data according to formatting information and properties included in the page object 22a...n..."

Thus Gebert does not teach such internal formatted data in accordance with the above recited feature of claim 54 in which format specifications and raw data are contained.

Claim 54 next distinguishes by reciting adding as needed document formatting information to the internal data that establishes how a content of the internal data is represented in the output data format, and wherein the additions of the document formatting information are controlled by a document template, the document template being formed in a first preparatory design phase using a design dataset, and the converting of the input document data stream into the internal data occurring via rules that are based on the design dataset. For this feature the Examiner refers to paragraphs 23 to 24 of Gebert and states that Gebert teaches defining a layout master set that includes one or more templates. However, these layout master sets and included templates are different than document templates as recited in claim 54.

Gebert's templates are included in the result document 20 – see Figure 2 and first line of paragraph 24. In contrast, the document template of claim 54 is formed using a design dataset and the document template controls the conversion of the input data stream into the internal formatted data. Therefore the document template of claim 54 is not included in a data stream – neither in the data stream of the internal formatted data nor in the output document data stream. In contrast, it is just used for controlling the conversion of the input data stream into the data stream of the internal formatted data.

As to the recitations in claim 54 for creating the document template by using a design dataset, and the converting of the input document data stream into the internal formatted data occurring via rules that use the design dataset, the Examiner asserts that Gebert teaches these features because he teaches formatting some page objects and that certain of the layout and formatting information may not map to the active environment, but may be included in the page content, such as the XML code (paragraph 27). However, this teaching of Gebert is completely different than the recitation above of using a design dataset for creating the document template.

Claim 54 further distinguishes by reciting that with the design dataset, types per field are associated in the first preparatory design phase, whereby formatting instructions of the document formatting information are associated with a first type group and no such document formatting instructions are associated with a second type group, and whereby in a second processing phase all datasets of the input document data stream are examined by type, and data that are associated with the first type group are additionally formatted and data that are associated with the second type group receive no additional formatting. Gebert does not provide a first preparatory design phase and no second processing phase as recited in claim 54

above. In paragraph 27, Gebert is just disclosing including XML formatting objects into page objects of a presentation language, such as MO:DCA.

New dependent claim 55 distinguishes at least by reciting for the forming of the document template, the design dataset is formed from the input document data stream and/or from input data-specific auxiliary files. This is explained at Applicants' Substitute Specification page 25, lines 15-19 and as shown in Figure 15 between Box 105 (input data), Box 119 (auxiliary data), and Box 62 (design dataset).

Dependent claims 56-68 distinguish at least for the reasons noted with respect to claim 54 and also by reciting additional features not suggested.
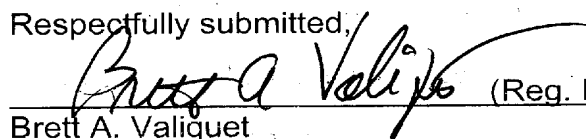
Computer-readable medium claim 69 distinguishes at least for the reasons noted with respect to claim 54.

System claim 70 distinguishes at least for the reasons noted with respect to claim 54. Dependent claims 71 and 72 are allowable at least for the reasons claim 70 is allowable.

Allowance of the application is respectfully requested.

The Commissioner is hereby authorized to charge any additional fees which may be required, or to credit any overpayment to account No. 501519.

Respectfully submitted,

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